

Title (en)  
ORGANIC LIGHT-EMITTING DIODE DISPLAY DEVICE AND MANUFACTURING METHOD THEREFOR, AND DISPLAY PANEL

Title (de)  
ANZEIGEVORRICHTUNG MIT ORGANISCHEN LEUCHTDIODEN UND HERSTELLUNGSVERFAHREN DAFÜR SOWIE ANZEIGETAFEL

Title (fr)  
DISPOSITIF D’AFFICHAGE À DIODE ÉLECTROLUMINESCENTE ORGANIQUE ET SON PROCÉDÉ DE FABRICATION, ET PANNEAU D’AFFICHAGE

Publication  
**EP 4177979 A4 20240828 (EN)**

Application  
**EP 20944774 A 20200910**

Priority  

- CN 202010639512 A 20200706
- CN 2020114359 W 20200910

Abstract (en)  
[origin: US2022393127A1] An organic light-emitting diode display device is provided by the present application, including an anode layer, a cathode layer, and a light-emitting layer disposed between the anode layer and the cathode layer, wherein the light-emitting layer includes a first light-emitting layer and a second light-emitting layer stacked. The first light-emitting layer includes a first color light-emitting part, a second color light-emitting part, and a third color light-emitting part arranged in a same layer. The second light-emitting layer is configured to emit light of a first color, and the second light-emitting layer is disposed at a side of the first light-emitting layer and covers the first light-emitting layer.

IPC 8 full level  
**H10K 50/13** (2023.01)

CPC (source: CN EP US)  
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Citation (search report)  

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- See also references of WO 2022007177A1

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DOCDB simple family (application)  
**US 202017262755 A 20200910**; CN 202010639512 A 20200706; CN 2020114359 W 20200910; EP 20944774 A 20200910